

CHILD DEVELOPMENT

VOLUME 42, 1971

EDITOR

BETTYE M. CALDWELL

EDITORIAL BOARD

MARY AINSWORTH	WALTER HODGES
JUSTIN ARONFREED	LOIS W. HOFFMAN
ALFRED A. BAUMEISTER	BETTY J. HOUSE
E. KUNO BELLER	PETER KNOBLOCK
MARION BLANK	HELEN L. KOCH
LOIS BLOOM	JEAN LA CROSSE
T. BERRY BRAZELTON	GILBERT W. MEIER
WAGNER H. BRIDGER	JOSEPH H. MEYEROWITZ
ROGER V. BURTON	EDITH NEIMARK
GORDON N. CANTOR	JAMES O. PALMER
COURTNEY B. CAZDEN	ROSS D. PARKE
WILLIAM R. CHARLESWORTH	ARTHUR H. PARMELEE
PHILIP A. COWAN	NANCY M. ROBINSON
EDWARD C. DEVEREUX, JR.	H. RUDOLPH SCHAFER
BERNICE T. EIDUSON	ALFRED STEINSCHNEIDER
RITA B. EISENBERG	JOHN A. STERN
DAVID ELKIND	INA C. UZGIRIS
SYLVIA FARNHAM-DIGGORY	MORTON W. WEIR
BRIAN FOSS	BURTON L. WHITE
CHARLES P. GERSHENSON	EDWIN P. WILLEMS
PATRICIA GREENFIELD	ELEANOR WILLEMSEN
LOIS HENNING	HELEN WORTIS
LEONARD HERSHER	JOHN C. WRIGHT
RUTH HIGHBERGER	HERBERT ZIMILES



PUBLISHED BY THE UNIVERSITY OF CHICAGO PRESS FOR THE
SOCIETY FOR RESEARCH IN CHILD DEVELOPMENT

© 1972 by the Society for Research in Child Development, Inc.
All rights reserved.

PUBLISHED MARCH, JUNE, SEPTEMBER, OCTOBER, NOVEMBER, AND DECEMBER 1971

PUBLISHED BY THE UNIVERSITY OF CHICAGO PRESS
CHICAGO, ILLINOIS, U.S.A.

INDEX

Volume 42, 1971

- AINSWORTH, MARY D. SALTER. (*see* Stayton, Donald A) 1057
ALLEN, TERRY WALTER. (*see* Brainerd, Charles J.) 693
ANDREWS, LEWIS. (*see* Leifer, Aimée Dorr) 1509
ANYAN, WALTER R., JR., & QUILLIAN, WARREN W., II. *The Naming of Primary Colors by Children* 1629
ARMSBY, RICHARD E. *A Reexamination of the Development of Moral Judgments in Children* 1241
ASHTON, R. *Behavioral Sleep Cycles in the Human Newborn* 2098
AUSTRIN, HARVEY R. (*see* Buck, Mildred R.) 1813
AVERRILL, BONNIE E. (*see* Etaugh, Claire F.) 1619
- BACUR, J. SUSANA. (*see* Jeruchimowicz, Rita) 455
BALDWIN, THELMA L.; MCFARLANE, PAUL T.; & GARVEY, CATHERINE J. *Children's Communication Accuracy Related to Race and Socio-economic Status* 345
BALTES, PAUL B., & WENDER, KARL. *Age Differences in Pleasantness of Visual Patterns of Different Variability in Late Childhood and Adolescence* 47
BARNETT, C. R. (*see* Thoman, Evelyn B.) 1471
BARTEL, NETTIE R. *Locus Control and Achievement in Middle- and Lower-Class Children* 1099
BARTEN, SYBIL; BIRNS, BEVERLY; & RONCH, JUDAH. *Individual Differences in the Visual Pursuit Behavior of Neonates* 313
BARTEN, SYBIL, & RONCH, JUDAH. *Continuity in the Development of Visual Behavior in Young Infants* 1566
BARTON, KEITH. *Block Manipulation by Children as a Function of Social Reinforcement, Anxiety, Arousal, and Ability Pattern* 817
BAUMEL, MARCIA. (*see* Lewis, Michael) 429
BECK, FRANCES W. (*see* Crinella, Francis M.) 2033
BECKER, JOHN T. (*see* Sabatino, David A.) 2055
BECKWITH, LEILA. *Relationships between Attributes of Mothers and Their Infants' IQ Scores* 1083
BELL, RICHARD Q., & HAAF, ROBERT A. *Irrelevance of Newborn Waking States to Some Motor and Appetitive Responses* 69
BENJAMIN, LORNA S.; SERDAHELY, WILLIAM; & GEPPERT, THOMAS V. *Night Training through Parents' Implicit Use of Operant Conditioning* 963
BERGER, STEPHEN E. (*see* Jacobson, Leonard I.) 1399
BERGMAN, RONALD L. (*see* Jacobson, Leonard I.) 1399

CHILD DEVELOPMENT

BERK, LAURA E. Effects of Variations in the Nursery School Setting on Environmental Constraints and Children's Modes of Adaptation ..	839
BERMAN, PHYLLIS W. Stimulus Novelty as a Variable in Children's Win-Stay, Lose-Shift Discrimination Learning Set	1591
BERNSTEIN, MARTIN E., & DI VESTA, FRANCIS J. The Formation and Reversal of an Attitude as Functions of Assumed Self-Concept, Race, and Socioeconomic Class	1417
BERZONSKY, MICHAEL D. The Role of Familiarity in Children's Explanations of Physical Causality	705
BIBELHEIMER, MILO. (<i>see</i> Hopkins, Kenneth D.)	645
BIRNS, BEVERLY. (<i>see</i> Barten, Sybil)	313
BIRNS, BEVERLY. (<i>see</i> Golden, Mark)	37
BIRNS, BEVERLY. (<i>see</i> Golden, Mark)	2114
BIRNS, BEVERLY. (<i>see</i> Schmidt, Katalin)	269
BLACK, KATHRYN NORCROSS; WILLIAMS, TANNIS M.; & BROWN, D. R. A Developmental Study of Preschool Children's Preference for Random Forms	57
BLACK, KATHRYN NORCROSS. (<i>see</i> Eska, Brunhilde)	505
BLACKMER, ELIZABETH R. (<i>see</i> Leifer, Aimée Dorr)	1509
BLANK, MARION, & FRANK, SHELDON M. Story Recall in Kindergarten Children: Effect of Method of Presentation on Psycholinguistic Performance	299
BLECHMAN, ELAINE A., & NAKAMURA, CHARLES Y. Mothers' Test Anxiety and Task Selection, and Children's Performance with Mother or a Stranger	1109
BOEHM, JOHN J. (<i>see</i> Kravitz, Harvey)	399
BOERSMA, FREDERIC J. (<i>see</i> Harasym, Carolyn R.)	767
BOHAN, JANIS BEEBE. (<i>see</i> Guardo, Carol J.)	1909
BOOZER, ROBERT F. (<i>see</i> Wang, Margaret C.)	1767
BRACKBILL, YVONNE. Cumulative Effects of Continuous Stimulation on Arousal Level in Infants	17
BRADSHAW, J. L., & MCKENZIE B. E. Judging Outline Faces: A Developmental Study	929
BRAINERD, CHARLES J., & ALLEN, TERRY WALTER. Training and Generalization of Density Conservation: Effects of Feedback and Consecutive Similar Stimuli	693
BRAUN, CARL, & KLASSEN, BERNARD. A Transformational Analysis of Oral Syntactic Structures of Children Representing Varying Ethnolinguistic Communities	1859
BRIDGER, WAGNER. (<i>see</i> Golden, Mark)	37
BROTSKY, S. JOYCE, & KAGAN, JEROME. Stability of the Orienting Reflex in Infants to Auditory and Visual Stimuli as Indexed by Cardiac Deceleration	2066
BROWN, ANN L., & CAMPIONE, JOSEPH C. Color Dominance in Pre-	

INDEX

- school Children as a Function of Specific Cue Preferences 1495
BROWN, ANNE M. (*see* Matheny, Adam P., Jr.) 251
BROWN, ANNE M. (*see* Wilson, Ronald S.) 1381
BROWN, D. R. (*see* Black, Kathryn Norcross) 57
BROWN, H. DOUGLAS. Children's Comprehension of Relativized English Sentences 1923
BROWN, LYNN. (*see* Harter, Susan) 517
BRYAN, JAMES H. Model Affect and Children's Imitative Altruism 2061
BRYAN, JAMES H.; REDFIELD, JOEL; & MADER, SANDRA. Words and Deeds about Altruism and the Subsequent Reinforcement Power of the Model 1501
BUCK, MILDRED R., & AUSTRIN, HARVEY R. Factors Related to School Achievement in an Economically Disadvantaged Group 1813
BURTON, ROGER V. An Inexpensive and Portable Means for One-Way Observation 959
BUTLER, BRUCE V. (*see* Goffeney, Barbara) 595
- CALHOUN, L. G. Number Conservation in Very Young Children: The Effect of Age and Mode of Responding 561
CAMP, BONNIE W. (*see* Frankenburg, William K.) 475
CAMP, BONNIE W. (*see* Frankenburg, William K.) 1315
CAMPIONE, JOSEPH C. The Effects of Stimulus Redundancy on Transfer of Stimulus Pretraining 551
CAMPIONE, JOSEPH C. (*see* Brown, Ann L.) 1495
CARMEAN, C. JEAN. (*see* Carmean, Stephen L.) 1263
CARMEAN, STEPHEN L., & CARMEAN, C. JEAN. Position Strategies in an Object Discrimination Task 1263
CARPENTER, GENEVIEVE C. (*see* Friedman, Steven) 1967
CATHCART, W. GEORGE. The Relationship between Primary Students' Rationalization of Conservation and Their Mathematical Achievement 755
CATTELL, R. B. (*see* Dielman, T. E.) 893
CHEYNE, J. A. Some Parameters of Punishment Affecting Resistance to Deviation and Generalization of a Prohibition 1249
CHILDERS, PERRY, & WIMMER, MARY. The Concept of Death in Early Childhood 1299
CHISOM, BRAD S. A Factor-analytic Study of the Relationship of Motor Factors to Academic Criteria for First- and Third-Grade Boys 1133
CLEMENT, DAVID E. (*see* Sistrunk, Frank) 1175
COITEUX, PAUL F. (*see* Presbie, Robert J.) 1033
COLLARD, ROBERTA R. Exploratory and Play Behaviors of Infants Reared in an Institution and in Lower- and Middle-Class Homes 1003
COLLINS, W. ANDREW. (*see* Leifer, Aimée Dorr) 1509

CHILD DEVELOPMENT

COOK, HAROLD, & SMOOTHERGILL, DANIEL. Verbal Mediation and Satiation in Young Children	1805
COOPER, DEBORAH L. (<i>see</i> Doan, Helen McK.)	209
COOPER, LESLIE M., & LONDON, PERRY. The Development of Hypnotic Susceptibility: A Longitudinal (Convergence) Study	487
COSTELLO, JOAN. (<i>see</i> Jeruchimowicz, Rita)	455
CRINELLA, FRANCIS M.; BECK, FRANCES W.; & ROBINSON, JAMES W. Unilateral Dominance Is Not Related to Neuropsychological Integrity	2033
CROCKETT, WALTER H. (<i>see</i> Scarlett, Helaine H.)	439
CROSS, MICHAEL. (<i>see</i> Rosenberg, Sheldon)	1959
CURCIO, FRANK; ROBBINS, OWEN; & ELA, SUSAN SLOVIN. The Role of Body Parts and Readiness in Acquisition of Number Conservation ..	1641
DAVIS, ALBERT J. Cognitive Style: Methodological and Developmental Considerations	1447
DAVIS, KEITH E. (<i>see</i> Severy, Lawrence J.)	1017
DEMERSSEMAN, JOHN A. (<i>see</i> Frankenburg, William K.)	1315
DENNISON, ANN. (<i>see</i> Youniss, James)	1837
DIELMAN, T. E.; CATTELL, R. B.; LEPPER, CAROLYN; & RHOADES, PATRICK. A Check on the Structure of Parental Reports of Child-rearing Practices	893
DI VESTA, FRANCIS J. (<i>see</i> Bernstein, Martin E.)	1417
DMITRUK, VICTOR M. Incentive Preference and Resistance to Temptation	625
DOAN, HELEN McK., & COOPER, DEBORAH L. Conditional Discrimination Learning in Children: Two Relevant Factors	209
DOLINSKY, HARRIET. (<i>see</i> Overton, Willis F.)	1951
DONALDSON, PATRICIA L. (<i>see</i> Foreit, Karen G.)	1572
DORMAN, LYNN. (<i>see</i> Kubzansky, Philip E.)	633
DRISCOLL, SALLY A. (<i>see</i> Masters, John C.)	161
DUNCAN, PAM. Parental Attitudes and Interactions in Delinquency ..	1751
EISDORFER, CARL. (<i>see</i> Lamper, Celia)	465
ELA, SUSAN SLOVIN. (<i>see</i> Curcio, Frank)	1641
ELARDO, RICHARD. The Experimental Facilitation of Children's Comprehension and Production of Four Syntactic Structures	2101
EMDE, ROBERT N.; McCARTNEY, ROBERT D.; & HARMON, ROBERT J. Neonatal Smiling in REM States, IV: Premature Study	1657
ENDSLEY, R. S. (<i>see</i> Osborn, D. K.)	321
ERMALINSKI, RICHARD, & RUSCELLI, VINCENT. Incorporation of Values by Lower and Middle Socioeconomic Class Preschool Boys	629
ESKA, BRUNHILDE, & BLACK, KATHRYN NORCROSS. Conceptual Tempo in Young Grade-School Children	505

INDEX

- ETAUGH, CLAIRE F., & AVERILL, BONNIE E. Effects of Type and Source of Labels on Children's Perceptual Judgments and Discrimination Learning 1580
- ETAUGH, CLAIRE FALK, & VAN SICKLE, DOUGLAS. Discrimination of Stereometric Objects and Photographs of Objects by Children 1619
- EVELOFF, HERBERT H. Some Cognitive and Affective Aspects of Early Language Development 1895
- FELDSTEIN, JEROME H., & WITRYOL, SAM L. The Incentive Value of Uncertainty Reduction for Children 793
- FELKER, DONALD W., & THOMAS, SUSAN BAHLKE. Self-Initiated Verbal Reinforcement and Positive Self-Concept 1285
- FOREIT, KAREN G., & DONALDSON, PATRICIA L. Dialect, Race, and Language Proficiency: Another Dead Heat on the Merry-Go-Round 1572
- FOWLER, W. (*see* Leithwood, K. A.) 781
- FRANK, SHELDON M. (*see* Blank, Marion) 299
- FRANKENBURG, WILLIAM K.; CAMP, BONNIE W.; & VAN NATTA, PEARL A. Validity of the Denver Developmental Screening Test 475
- FRANKENBURG, WILLIAM K.; CAMP, BONNIE W.; VAN NATTA, PEARL A.; DEMERSSEMAN, JOHN A.; & VOORHEES, SUSAN F. Reliability and Stability of the Denver Developmental Screening Test 1315
- FRIEDMAN, STEVEN, & CARPENTER, GENEVIEVE C. Visual Response Decrement as a Function of Age of Human Newborn 1967
- FURBY, LITA. (*see* Kircher, Mary) 2076
- GARVEY, CATHERINE J. (*see* Baldwin, Thelma L.) 345
- GAUTHIER, JOAN PRESTON. (*see* Grushcow, Rochelle) 956
- GELFAND, DONNA M. (*see* Martin, Marian F.) 1271
- GEPPERT, THOMAS V. (*see* Benjamin, Lorna S.) 963
- GERSHAW, N. JANE, & SCHWARZ, J. CONRAD. The Effects of a Familiar Toy and Mother's Presence on Exploratory and Attachment Behaviors in Young Children 1662
- GIACOMAN, SHARON L. Hunger and Motor Restraint on Arousal and Visual Attention in the Infant 605
- GITTER, A. GEORGE; MOSTOFSKY, DAVID I.; & QUINCY, ARTHUR J., JR. Race and Sex Differences in the Child's Perception of Emotion .. 2071
- GOFFNEY, BARBARA; HENDERSON, NORMAN B.; & BUTLER, BRUCE V. Negro-White, Male-Female Eight-Month Developmental Scores Compared with Seven-Year WISC and Bender Test Scores 595
- GOLDEN, MARK, & BIRNS, BEVERLY. Social Class, Intelligence, and Cognitive Style in Infancy 2114
- GOLDEN, MARK; BIRNS, BEVERLY; BRIDGER, WAGNER; & MOSS, ABIGAIL.

CHILD DEVELOPMENT

Social-Class Differentiation in Cognitive Development among Black Preschool Children	37
GOLDENBERG, IRENE. Social Class Differences in Teacher Attitudes toward Children	1637
GOLDSTEIN, SONDRa BLEVINS, & SIEGEL, ALEXANDER W. Observing Behavior and Children's Discrimination Learning	1608
GOODNOW, JACQUELINE J. Matching Auditory and Visual Series: Modality Problem or Translation Problem?	1187
GOTTESMAN, MILTON. A Comparative Study of Piaget's Developmental Schema of Sighted Children with That of a Group of Blind Children	537
GOULET, L. R. (<i>see</i> Ramey, Craig T.)	978
GRAHAM, FRANCES K. (<i>see</i> Jackson, Jan C.)	107
GRATCH, GERALD, & LANDERS, WILLIAM F. Stage IV of Piaget's Theory of Infant's Object Concepts: A Longitudinal Study	359
GRAVES, MICHAEL F., & KOZIOL, STEPHEN. Noun Plural Development in Primary Grade Children	1165
GREENBERG, DAVID J. Accelerating Visual Complexity Levels in the Human Infant	905
GREENGLASS, ESTHER R. A Cross-cultural Comparison of Maternal Communication	685
GREESON, LARRY E. (<i>see</i> Jacobson, Leonard I.)	1399
GROSS, BARBARA M. (<i>see</i> Leifer, Aimée Dorr)	1509
GROSSE, MARTIN E. (<i>see</i> Unruh, Susan Gulick)	1153
GROSSMAN, EUGENE E. (<i>see</i> Witte, Kenneth L.)	537
GRUEN, GERALD E. (<i>see</i> Wachs, Theodore D.)	1217
GRUSEC, JOAN E. Power and the Internalization of Self-Denial	93
GRUSHCOW, ROCHELLE, & GAUTHIER, JOAN PRESTON. Effects of Stimulus Abstractness and Familiarity on Listener's Performance in a Communication Task	956
GUARDO, CAROL J., & BOHAN, JANIS BEEBE. Development of a Sense of Self-Identity in Children	1909
GUARDO, CAROL J., & MEISELS, MURRAY. Factor Structure of Children's Personal Space Schemata	1307
GUENTHER, ZENITA C. (<i>see</i> Sistrunk, Frank)	1175
GUINAGH, BARRY J. An Experimental Study of Basic Learning Ability and Intelligence in Low-Sociometric-Status Children	27
HAAF, ROBERT A. (<i>see</i> Bell, Richard Q.)	69
HALL, VERNON C., & TURNER, RALPH R. Comparison of Imitation and Comprehension Scores between Two Lower-Class Groups and the Effects of Two Warm-Up Conditions on Imitation of the Same Groups	1735
HANKS, CHERYL. (<i>see</i> Rebelsky, Freda)	63

INDEX

- HAPKIEWICZ, WALTER G., & RODEN, AUBREY H. The Effect of Aggressive Cartoons on Children's Interpersonal Play 1583
HARASYM, CAROLYN R.; BOERSMA, FREDERIC J.; & MAGUIRE, THOMAS O. Semantic Differential Analysis of Relational Terms Used in Conservation 767
HARMON, ROBERT J. (*see* Emde, Robert N.) 1657
HARTER, SUSAN; BROWN, LYNN; & ZIGLER, EDWARD. The Discrimination Learning of Normal and Retarded Children as a Function of Penalty Conditions and Etiology of the Retarded 517
HARTMANN, DONALD P. (*see* Martin, Marian F.) 1271
HATCH, EVELYN. The Young Child's Comprehension of Time Connectives 2111
HEBBLE, PETER W. The Development of Elementary School Children's Judgment of Intent 1203
HEIDER, ELEANOR R. Information Processing and the Modification of an "Impulsive Conceptual Tempo" 1276
HENDERSON, NORMAN B. (*see* Goffeney, Barbara) 595
HENNING, JAMES S., & KORNREICH, L. BERELL. A Developmental Study of the Effects of Pretraining on a Perceptual Recognition Task 2117
HENSHEL, ANNE-MARIE. The Relationship between Values and Behavior: A Developmental Hypothesis 1997
HICKS, DAVID J. Girls' Attitudes toward Modeled Behaviors and the Content of Imitative Private Play 139
HOEMANN, HARRY W., & ROSS, BRUCE M. Children's Understanding of Probability Concepts 221
HOFFMAN, MARTIN L. Identification and Conscience Development 1071
HOGAN, ROBERT. (*see* Stayton, Donelda) 1057
HOPKINS, KENNETH D., & BIBELHEIMER, MILO. Five-Year Stability of Intelligence Quotients from Language and Nonlanguage Group Tests 645
HORNBY, PETER A. Surface Structure and the Topic-Comment Distinction: A Developmental Study 1975
HUGHES, S. EILEEN DOLORES, & WALSH, JOHN F. Effects of Syntactical Mediation, Age, and Modes of Representation on Paired-Associate Learning 1827
JACKSON, JAN C.; KANTOWITZ, SUSAN R.; & GRAHAM, FRANCES K. Can Newborns Show Cardiac Orienting? 107
JACOBS, PAUL I., & VANDEVENTER, MARY. The Learning and Transfer of Double-Classification Skills by First Graders 149
JACOBSON, LEONARD I.; BERGER, STEPHEN E.; BERGMAN, RONALD L.; MILLHAM, JIM; & GREESEN, LARRY E. Effects of Age, Sex, Systematic Conceptual Learning, Acquisition of Learning Sets, and Pro-

CHILD DEVELOPMENT

grammed Social Interaction on the Intellectual and Conceptual Development of Preschool Children from Poverty Backgrounds	1399
JAEGER, MARIANNE. (<i>see</i> Shure, Myrna B.)	1791
JARVELLA, ROBERT J. (<i>see</i> Rosenberg, Sheldon)	1959
JERUCHIMOWICZ, RITA; COSTELLO, JOAN; & BACUR, J. SUSANA. Knowledge of Action and Object Words: A Comparison of Lower- and Middle-Class Negro Preschoolers	455
JOHNSON, CHARLES F. Hyperactivity and the Machine: The Actometer .	2105
JOHNSON, EDWARD E. (<i>see</i> Stabler, John R.)	2094
JOHNSON, NORMA. (<i>see</i> Lewis, Michael)	1053
JONES, R. STEWART. (<i>see</i> Wei, Tam T. D.)	919
JONES, SANDRA J., & MOSS, HOWARD A. Age, State, and Maternal Behavior Associated with Infant Vocalizations	1039
JORDON, SUSAN E. (<i>see</i> Stabler, John R.)	2094
KAGAN, JEROME. (<i>see</i> Brotsky, S. Joyce)	2066
KAGAN, JEROME. (<i>see</i> Minton, Cheryl)	1873
KANTOWITZ, SUSAN R. (<i>see</i> Jackson, Jan C.)	107
KASPAR, JOSEPH C., & LOWENSTEIN, R. The Effect of Social Interaction on Activity Levels in Six- to Eight-Year-Old Boys	1294
KATZ, JUDITH MILSTEIN. Reflection-Impulsivity and Color-Form Sorting .	745
KATZ, ROGER C. Interactions between the Facilitative and Inhibitory Effects of a Punishing Stimulus in the Control of Children's Hitting Behavior	1433
KAUFMAN, ALAN S. Piaget and Gesell: A Psychological Analysis of Tests Built from Their Tasks	1341
KING, MICHAEL. The Development of Some Intention Concepts in Young Children	1145
KING, MURIEL. (<i>see</i> Wolman, Richard N.)	1288
KINNIE, ERNEST J., & STERNLOF, RICHARD E. The Influence of Nonintellective Factors on the IQ Scores of Middle- and Lower-Class Children	1989
KIRCHER, MARY, & FURBY, LITA. Racial Preferences in Young Children .	2076
KLASSEN, BERNARD. (<i>see</i> Braun, Carl)	1859
KLEIN, ROBERT P. Acoustic Analysis of the Acquisition of Acceptable r in American English	543
KOBASIGAWA, AKIRA. (<i>see</i> Ryan, David)	951
KOMER, M. JOAN. (<i>see</i> Zelazo, Philip R.)	1327
KORNREICH, L. BERELL. (<i>see</i> Henning, James S.)	2117
KOZIOL, STEPHEN. (<i>see</i> Graves, Michael F.)	1165
KRAVITZ, HARVEY, & BOEHM, JOHN J. Rhythmic Habits Patterns in Infancy: Their Sequence, Age of Onset, and Frequency	399
KROES, WILLIAM H. (<i>see</i> Libby, William L., Jr.)	2089
KUBZANSKY, PHILIP E.; REBELSKY, FREDA; & DORMAN, LYNN. A Devel-	

INDEX

- opmental Study of Size Constancy for Two- versus Three-dimensional Stimuli 633
- LAMPER, CELIA, & EISDORFER, CARL. Prestimulus Activity Level and Responsivity in the Neonate 465
- LANDERS, WILLIAM F. (*see* Gratch, Gerald) 359
- LAVATELLI, CELIA B. (*see* Wei, Tam T. D.) 919
- LEIDERMAN, P. H. (*see* Thoman, Evelyn B.) 1471
- LEIFER, AIMÉE DORR; COLLINS, W. ANDREW; GROSS, BARBARA M.; TAYLOR, PETER H.; ANDREWS, LEWIS; & BLACKMER, ELIZABETH R. Developmental Aspects of Variables Relevant to Observational Learning 1509
- LEITHWOOD, K. A., & FOWLER, W. Complex Motor Learning in Four-Year-Olds 781
- LEPPER, CAROLYN. (*see* Dielman, T. E.) 893
- LEVINE, JANET A. (*see* Minton, Cheryl) 1873
- LEVINSON, ELIZABETH J. The Modification of Intelligence by Training in the Verbalization of Word Definitions and Simple Concepts 1361
- LEWIS, MICHAEL, & JOHNSON, NORMA. What's Thrown Out with the Bath Water: A Baby? 1053
- LEWIS, MICHAEL; WILSON, CORNELIA DODD; & BAUMEL, MARCIA. Attention Distribution in the 24-Month-Old Child: Variations in Complexity and Incongruity of the Human Form 429
- LEWIS, WILLIAM C. (*see* Wolman, Richard N.) 1288
- LIBBY, WILLIAM L., JR., & KROES, WILLIAM H. Conceptual Encoding and Concept Recall-Recovery in Children 2089
- LIPTON, CHERYL, & OVERTON, WILLIS F. Anticipatory Imagery and Modified Anagram Solutions: A Developmental Study 615
- LLOYD, BARBARA B. Studies of Conservation with Yoruba Children of Differing Ages and Experience 415
- LONDON, PERRY. (*see* Cooper, Leslie M.) 487
- LONDON, PERRY. (*see* Robinson, James P.) 641
- LONGHURST, THOMAS M., & TURNURE, JAMES E. Perceptual Inadequacy and Communicative Ineffectiveness in Interpersonal Communication 2084
- LOO, CHALSA, & WENAR, CHARLES. Activity Level and Motor Inhibition: Their Relationship to Intelligence-Test Performance in Normal Children 967
- LOOFT, WILLIAM R. Children's Judgments of Age 1282
- LOWENSTEIN, R. (*see* Kaspar, Joseph C.) 1294
- LYTTON, HUGH. Observation Studies of Parent-Child Interaction: A Methodological Review 651
- MCCARTNEY, ROBERT D. (*see* Emde, Robert N.) 1657
- 2135

CHILD DEVELOPMENT

McCULLERS, JOHN C., & MARTIN, JUDITH A. <i>GARDINER. A Reexamination of the Role of Incentive in Children's Discrimination Learning</i>	827
McFARLANE, PAUL T. (<i>see</i> Baldwin, Thelma L.)	345
MCGHEE, PAUL E. <i>Cognitive Development and Children's Comprehension of Humor</i>	123
MCGHEE, PAUL E. <i>The Role of Operational Thinking in Children's Comprehension and Appreciation of Humor</i>	733
MCINTYRE, CURTIS W. (<i>see</i> Odom, Richard D.)	883
MCKENZIE, B. E. (<i>see</i> Bradshaw, J. L.)	929
MCKENZIE, RICHARD E. (<i>see</i> Stedman, James M.)	1602
MCMILLAN, DAVID; YUKAWA, RYOZO; & MCNEILL, NOBUKO B. <i>The Acquisition of Direct and Indirect Objects in Japanese</i>	237
MCNEILL, NOBUKO B. (<i>see</i> McNeill, David)	237
MADER, SANDRA. (<i>see</i> Bryan, James H.)	1501
MAGOON, A. JON. (<i>see</i> Maw, Wallace H.)	2023
MAGUIRE, THOMAS O. (<i>see</i> Harasym, Carolyn R.)	767
MALASKY, CHARLOTTE. (<i>see</i> Milgram, Norman A.)	637
MARTIN, JUDITH A. <i>GARDINER. (see McCullers, John C.)</i>	827
MARTIN, MARIAN F.; GELFAND, DONNA M.; & HARTMAN, DONALD P. <i>Effects of Adult and Peer Observers on Boys' and Girls' Responses to an Aggressive Model</i>	1271
MASTERS, JOHN C., & DRISCOLL, SALLY A. <i>Children's "Imitation" as a Function of the Presence or Absence of a Model and the Description of His Instrumental Behaviors</i>	161
MASTERS, JOHN C., & MORRIS, RICHARD J. <i>Effects of Contingent and Noncontingent Reinforcement upon Generalized Imitation</i>	385
MASTERS, JOHN C. (<i>see</i> Peskay, Joel)	2120
MATHENY, ADAM P., JR., & BROWN, ANNE M. <i>The Behavior of Twins: Effects of Birth Weight and Birth Sequence</i>	251
MATHENY, ADAM P., JR. (<i>see</i> Wilson, Ronald S.)	1381
MAW, WALLACE H., & MAGOON, A. JON. <i>The Curiosity Dimension of Fifth-Grade Children: A Factorial Discriminant Analysis</i>	2023
MEDOW, MIRIAM LUCAS. (<i>see</i> Saltz, Eli)	1533
MEISELS, MURRAY. (<i>see</i> Guardo, Carol J.)	1307
MILGRAM, NORMAN A.; SHORE, MILTON F.; & MALASKY, CHARLOTTE. <i>Linguistic and Thematic Variables in Recall of a Story by Disadvantaged Children</i>	637
MILLER, LEON K. <i>Developmental Differences in the Field of View during Tachistoscopic Presentation</i>	1543
MILLHAM, JIM. (<i>see</i> Jacobson, Leonard I.)	1399
MINTON, CHERYL; KAGAN, JEROME; & LEVINE, JANET A. <i>Maternal Control and Obedience in the Two-Year-Old</i>	1873

INDEX

- MINUCHIN, PATRICIA. Correlates of Curiosity and Exploratory Behavior in Preschool Disadvantaged Children 939
MOAN, CHARLES E. (*see* Rardin, Donald R.) 1685
MOFFITT, ALAN R. Consonant Cue Perception by Twenty- to Twenty-four-Week-Old Infants 717
MOORE, SHIRLEY G. (*see* Smothergill, Nancy) 1229
MOREHEAD, DONALD M. Processing of Phonological Sequences by Young Children and Adults 279
MORRIS, RICHARD J. (*see* Masters, John C.) 385
MOSS, ABIGAIL. (*see* Golden, Mark) 37
MOSS, HOWARD A. (*see* Jones, Sandra J.) 1039
MOSTOFSKY, DAVID I. (*see* Gitter, A. George) 2071
MUELLER, EDWARD. (*see* Stein, Aletha Huston) 195
MURRELL, STANLEY A. Family Interaction Variables and Adjustment of Nonclinic Boys 1485

NAKAMURA, CHARLES Y. (*see* Blechman, Elaine A.) 1109
NATALICIO, DIANA S., & NATALICIO, LUIZ F. S. A Comparative Study of English Pluralization by Native and Non-Native English Speakers 1302
NATALICIO, LUIZ F. S. (*see* Natalicio, Diana S.) 1302
NEALE, GAIL S. (*see* Odom, Richard D.) 883
NEDLER, SHARI, & SEBERA, PEGGY. Intervention Strategies for Spanish-speaking Preschool Children 259
NICHOLLS, JOHN G. Some Effects of Testing Procedure on Divergent Thinking 1647

ODOM, RICHARD D.; MCINTYRE, CURTIS W.; & NEALE, GAIL S. The Influence of Cognitive Style on Perceptual Learning 883
OLSON, FRANCES. (*see* Smothergill, Nancy) 1229
OSBORN, D. K., & ENDSLEY, R. C. Emotional Reactions of Young Children to TV Violence 321
OURTH, L. LYNN. (*see* Ramey, Craig T.) 291
OVERTON, WILLIS F.; WAGNER, JANIS; & DOLINSKY, HARRIET. Social-Class Differences and Task Variables in the Development of Multi-plicative Classification 1951
OVERTON, WILLIS F. (*see* Lipton, Cheryl) 615

PARKER, RONALD K.; RIEFF, MARGERY L.; & SPERR, SHELBY J. Teaching Multiple Classification to Young Children 1779
PESKAY, JOEL, & MASTERS, JOHN C. Effects of Socioeconomic Status and the Value of a Reinforcer upon Self-Reinforcement by Children 2120
POHLY, SHEILA RIMLAND. (*see* Stein, Aletha Huston) 195
PRESBIE, ROBERT J., & COITEUX, PAUL F. Learning to Be Generous or

CHILD DEVELOPMENT

Stingy: Imitation of Sharing Behavior as a Function of Model Generosity and Vicarious Reinforcement	1033
PRESS, ALLAN N. (<i>see</i> Scarlett, Helaine H.)	439
QUAY, LORENE C. Language Dialect, Reinforcement, and the Intelligence-Test Performance of Negro Children	5
QUILLIAN, WARREN W., II. (<i>see</i> Anyan, Walter R., Jr.)	1629
QUINCY, ARTHUR J., JR. (<i>see</i> Gitter, A. George)	2071
RADIN, NORMA. Maternal Warmth, Achievement Motivation, and Cognitive Functioning in Lower-Class Preschool Children	1560
RAMEY, CRAIG T., & GOULET, L. R. Effects of Spatial Separation of Stimulus, Response, and Reward in Discrimination Learning by Children	978
RAMEY, CRAIG T., & OURTH, L. LYNN. Delayed Reinforcement and Vocalization Rates of Infants	291
RARDIN, DONALD R., & MOAN, CHARLES E. Peer Interaction and Cognitive Development	1685
RARDIN, DONALD. (<i>see</i> Satz, Paul)	2009
REBELSKY, FREDA, & HANKS, CHERYL. Fathers' Verbal Interaction with Infants in the First Three Months of Life	63
REBELSKY, FREDA. (<i>see</i> Kubzansky, Philip E.)	633
REDFIELD, JOEL. (<i>see</i> Bryan, James H.)	1501
RESNICK, LAUREN B. (<i>see</i> Wang, Margaret C.)	1767
RHOADES, PATRICK. (<i>see</i> Dielman, T. E.)	893
RIEFF, MARGERY L. (<i>see</i> Parker, Ronald K.)	1779
ROBBINS, OWEN. (<i>see</i> Curcio, Frank)	1641
ROBINSON, HALBERT B., & ROBINSON, NANCY M. Longitudinal Development of Very Young Children in a Comprehensive Day Care Program: The First Two Years	1673
ROBINSON, JAMES P., & LONDON, PERRY. Labeling and Imaging as Aids to Memory	641
ROBINSON, JAMES W. (<i>see</i> Crinella, Francis M.)	2033
ROBINSON, NANCY M. (<i>see</i> Robinson, Halbert B.)	1673
RODEN, AUBREY H. (<i>see</i> Hapkiewicz, Walter G.)	1583
RONCH, JUDAH. (<i>see</i> Barten, Sybil)	313
RONCH, JUDAH. (<i>see</i> Barten, Sybil)	1566
ROSENBERG, SHELDON; JARVELLA, ROBERT J.; & CROSS, MICHAEL. Semantic Integration, Age, and the Recall of Sentences	1959
ROSS, BRUCE M. (<i>see</i> Hoemann, Harry W.)	221
ROSS, JOHN. (<i>see</i> Satz, Paul)	2009
ROSSI, SHEILA, & WITTRICK, M. C. Developmental Shifts in Verbal Recall between Mental Ages Two and Five	333
RUSCELLI, VINCENT. (<i>see</i> Ermalinski, Richard)	629

INDEX

- RUSSELL, JAMES E. (*see* Weisberg, Paul) 1575
RYAN, DAVID, & KOBASIGAWA, AKIRA. Effects of Exposure to Models on
Concept Identification in Kindergarten and Second-Grade Chil-
dren 951
- SABATINO, DAVID A., & BECKER, JOHN T. Relationship between Lateral
Preference and Selected Behavioral Variables for Children Failing
Academically 2055
- SALTZ, ELI, & MEDOW, MIRIAM LUCAS. Concept Conservation in Chil-
dren: The Dependence of Belief Systems on Semantic Representa-
tion 1533
- SATZ, PAUL; RARDIN, DONALD; & ROSS, JOHN. An Evaluation of a The-
ory of Specific Developmental Dyslexia 2009
- SAXE, ROBERT M., & STOLLAK, GARY E. Curiosity and the Parent-Child
Relationship 373
- SCARLETT, HELAINE H.; PRESS, ALLAN N.; & CROCKETT, WALTER H.
Children's Descriptions of Peers: A Wernerian Developmental
Analysis 439
- SCHMIDT, KATALIN, & BIRNS, BEVERLY. The Behavioral Arousal Thresh-
old in Infant Sleep as a Function of Time and Sleep State 269
- SCHOLNICK, ELLIN KOFSKY. Effects of Stimulus Availability on Chil-
dren's Inferences 183
- SCHOLNICK, ELLIN KOFSKY. Generality of Perceptual Biases in Infer-
ence and Concept Usage 1937
- SCHOLNICK, ELLIN KOFSKY. Use of Labels and Cues in Children's Con-
cept Identification 1849
- SCHWARZ, J. CONRAD, & WYNN, RUTH. The Effects of Mothers' Pres-
ence and Previsits on Children's Emotional Reaction to Starting
Nursery School 871
- SCHWARZ, J. CONRAD. (*see* Gershaw, N. Jane) 1662
- SEBERA, PEGGY. (*see* Nedler, Shari) 259
- SEITZ, VICTORIA R. Multidimensional Scaling of Dimensional Prefer-
ences: A Methodological Study 1701
- SELMAN, ROBERT L. The Relation of Role Taking to the Development
of Moral Judgment in Children 79
- SELMAN, ROBERT L. Taking Another's Perspective: Role-taking Devel-
opment in Early Childhood 1721
- SERDAHELY, WILLIAM. (*see* Benjamin, Lorna S.) 963
- SEVERY, LAWRENCE J., & DAVIS, KEITH E. Helping Behavior among
Normal and Retarded Children 1017
- SHANTZ, CAROLYN U., & WATSON, JOHN S. Spatial Abilities and Spatial
Egocentrism in the Young Child 171
- SHORE, MILTON F. (*see* Milgram, Norman A.) 637

CHILD DEVELOPMENT

SHURE, MYRNA B.; SPIVACK, GEORGE; & JAEGER, MARIANNE. Problem-solving Thinking and Adjustment among Disadvantaged Preschool Children	1791
SIEGEL, ALEXANDER W., & VANCARA, FLO. The Effects of Different Types of Reinforcement on Young Children's Incidental Learning	1596
SIEGEL, ALEXANDER W. (<i>see</i> Goldstein, Sondra Blevins)	1608
(SINGER), SHLOMO SHARAN, & WELLER, LEONARD. Classification Patterns of Underprivileged Children in Israel	581
(SINGER), SHLOMO SHARAN. (<i>see</i> Weller, Leonard)	1553
SISTRUNK, FRANK; CLEMENT, DAVID E.; & GUENTHER, ZENITA C. Developmental Comparisons of Conformity across Two Cultures	1175
SMOTHERGILL, DANIEL. (<i>see</i> Cook, Harold)	1805
SMOTHERGILL, NANCY; OLSON, FRANCES; & MOORE, SHIRLEY G. The Effects of Manipulation of Teacher Communication Style in the Preschool	1229
SONTAG, LESTER W. The History of Longitudinal Research: Implications for the Future	987
SPENCE, JANET T. Do Material Rewards Enhance the Performance of Lower-Class Children?	1461
SPERR, SHELBY J. (<i>see</i> Parker, Ronald K.)	1779
SPIVACK, GEORGE. (<i>see</i> Shure, Myrna B.)	1791
STABLER, JOHN R.; JOHNSON, EDWARD E.; & JORDON, SUSAN E. The Measurement of Children's Self-Concepts as Related to Racial Membership	2094
STAUB, ERVIN. The Use of Role Playing and Induction in Children's Learning of Helping and Sharing Behavior	805
STAYTON, DONELDA J.; HOGAN, ROBERT; & AINSWORTH, MARY D. SALTER. Infant Obedience and Maternal Behavior: The Origins of Socialization Reconsidered	1057
STEDMAN, JAMES M., & MCKENZIE, RICHARD E. Family Factors Related to Competence in Young Disadvantaged Mexican-American Children	1602
STEIN, ALETHA HUSTON; POHLY, SHEILA RIMLAND; & MUELLER, EDWARD. The Influence of Masculine, Feminine, and Neutral Tasks on Children's Achievement Behavior, Expectancies of Success, and Attainment Values	195
STERNLOF, RICHARD E. (<i>see</i> Kinnie, Ernest J.)	1989
STOLLAK, GARY E. (<i>see</i> Saxe, Robert M.)	373
STOUWIE, ROGER J. Inconsistent Verbal Instructions and Children's Resistance-to-Temptation Behavior	1517
TAYLOR, PETER H. (<i>see</i> Leifer, Aimée Dorr)	1509
THELEN, MARK H. The Effect of Subject Race, Model Race, and Vicarious Praise on Vicarious Learning	972

INDEX

- THOMAN, EVELYN B.; BARNETT, C. R.; & LEIDERMAN, P. H. Feeding Behaviors of Newborn Infants as a Function of Parity of the Mother 1471
- THOMAS, SUSAN BAHLKE. (*see* Felker, Donald W.) 1285
- TISHER, R. P. A Piagetian Questionnaire Applied to Pupils in a Secondary School 1633
- TURNER, RALPH R. (*see* Hall, Vernon C.) 1735
- TURNURE, JAMES E. (*see* Longhurst, Thomas M.) 2084
- UNRUH, SUSAN GULICK; GROSSE, MARTIN E.; & ZIGLER, EDWARD. Birth Order, Number of Siblings, and Social Reinforcer Effectiveness in Children 1153
- VANCARA, FLO. (*see* Siegel, Alexander W.) 1596
- VANDEVENTER, MARY. (*see* Jacobs, Paul I.) 149
- VAN NATTA, PEARL A. (*see* Frankenburg, William K.) 475
- VAN NATTA, PEARL A. (*see* Frankenburg, William K.) 1315
- VAN SICKLE, DOUGLAS. (*see* Etaugh, Claire F.) 1580
- VEENSTRA, MARJORIE SHAFER. Behavior Modification in the Home with the Mother as the Experimenter: The Effect of Differential Reinforcement on Sibling Negative Response Rates 2079
- VOORHEES, SUSAN F. (*see* Frankenburg, William K.) 1315
- WACHS, THEODORE D., & GRUEN, GERALD E. The Effects of Chronological Age, Trials, and List Characteristics upon Children's Category Clustering 1217
- WAGNER, JANIS. (*see* Overton, Willis F.) 1951
- WALSH, JOHN F. (*see* Hughes, S. Eileen Dolores) 1827
- WANG, MARGARET C.; RESNICK, LAUREN B.; & BOOZER, ROBERT F. The Sequence of Development of Some Early Mathematics Behaviors 1767
- WASIK, BARBARA H., & WASIK, JOHN L. Performance of Culturally Deprived Children on the Concept Assessment Kit—Conservation 1586
- WASIK, JOHN L. (*see* Wasik, Barbara H.) 1586
- WASSERMAN, SUSAN A. Values of Mexican-American, Negro, and Anglo Blue-Collar and White-Collar Children 1624
- WATSON, JOHN S. (*see* Shantz, Carolyn U.) 171
- WEEKS, THELMA E. Speech Registers in Young Children 1119
- WEI, TAM T. D.; LAVATELLI, CELIA B.; & JONES, R. STEWART. Piaget's Concept of Classification: A Comparative Study of Socioeconomically Disadvantaged and Middle-Class Young Children 919
- WEISBERG, PAUL, & RUSSELL, JAMES E. Proximity and Interactional Behavior of Young Children to Their "Security" Blankets 1575
- WELLER, LEONARD, & SHARAN, SHLOMO. Articulation of the Body Concept among First-Grade Israeli Children 1553

CHILD DEVELOPMENT

WELLER, LEONARD. (<i>see [Singer], Shlomo Sharan</i>)	581
WENAR, CHARLES. (<i>see Loo, Chalsa</i>)	967
WENDER, KARL. (<i>see Baltes, Paul B.</i>)	47
WHITE, KATHLEEN M. Conceptual Style and Conceptual Ability in Kindergarten through the Eighth Grade	1652
WILLIAMS, TANNIS M. (<i>see Black, Kathryn Norcross</i>)	57
WILSON, CORNELIA DODD. (<i>see Lewis, Michael</i>)	429
WILSON, RONALD S.; BROWN, ANNE M.; & MATHENY, ADAM P., JR. Emergence and Persistence of Behavioral Differences in Twins ..	1381
WIMMER, MARY. (<i>see Childers, Perry R.</i>)	1299
WITTRYOL, SAM L. (<i>see Feldstein, Jerome H.</i>)	793
WITTE, KENNETH L., & GROSSMAN, EUGENE E. The Effects of Reward and Punishment upon Children's Attention, Motivation, and Dis- crimination Learning	537
WITTROCK, M. C. (<i>see Rossi, Sheila</i>)	333
WOLMAN, RICHARD N.; LEWIS, WILLIAM C.; & KING, MURIEL. The De- velopment of the Language of Emotions: Conditions of Emotional Arousal	1288
WYNN, RUTH. (<i>see Schwarz, J. Conrad</i>)	871
YOUNISS, JAMES, & DENNISON, ANN. Figurative and Operative Aspects of Children's Inference	1837
YUKAWA, RYOZO. (<i>see McNeill, David</i>)	237
ZELAZO, PHILIP R., & KOMER, M. JOAN. Infant Smiling to Nonsocial Stimuli and the Recognition Hypothesis	1327
ZIGLER, EDWARD. (<i>see Harter, Susan</i>)	517
ZIGLER, EDWARD. (<i>see Unruh, Susan Gulick</i>)	1153
ZUNG, BURTON J. Cross-Modal Matching among Normal and Retarded Children	1614

